Amendment Serial No. 09/939,332 Page 2

States patent 5,422,139, issued Jun. 6, 1995), and Collins et al. (United States patent 6,077,384, issued Jun. 20, 2000).

B. The Examiner rejected claims 7, 10-13, 16-19, 21-23, 25, and 26 as being unpatentable over Bang et al. (United States patent 6,110,556, issued Aug. 29, 2000) in view of Okamoto et al. (Japanese Patent Publication 2000-252218), Fischer (United States patent 5,422,139, issued Jun. 6, 1995), and Collins et al. (United States patent 6,077,384, issued Jun. 20, 2000) and further in view of Wicker et al. (United States patent 6,129,808, issued Oct. 10, 2000), and Wu (United States patent 5,910,221, issued Jun. 8, 1999).

These rejections are respectfully traversed.

The Applicants note that under Subtitle H of the Inventor Protection Act of 1999, for patent applications filed after November 29, 1999, 35 U.S.C. § 103(a) is amended such that subject matter which would qualify as prior art under 35 U.S.C. § 103 via 35 U.S.C. § 102(e) is now disqualified as prior art, if the subject matter of the claimed invention and the prior art are commonly owned. Under these provisions, Bang et al. is excluded prior art under 35 U.S.C. § 103 with respect to the claimed invention, since Bang et al. al. is assigned to Applied Materials, Inc., of Santa Clara, California, as is the subject application.

In addition, Applicants enclose a declaration under 37 C.F.R. § 1.131 that has been executed by co-inventors, Eric Askarinam, Jeremiah T. Pender and Gerardo A. Delgadino, that declares a conception date for the invention claimed in the above-identified patent application to be before the August 29, 2000 issue date of Bang et al. and that due diligence was exercised toward reducing the invention to practice. In view of this declaration, Bang et al. is not prior art to Applicants' invention.

As stated in MPEP 715.04, a declaration filed under rule 37 CFR 1.131 requires the signature of each of the joint inventors unless it is shown that an inventor or inventors were "otherwise unavailable". In that instance the signatures of the remaining inventors is sufficient. Inventors Robert Wu, Holman Hung, Ananda Kumar, Olga Regelman and Douglas Buchberger were unavailable to

Amendment

Amendment Serial No. 09/939,332 Page 3

execute a declaration. Mr. Hung and Mr. Kumar are no longer employed at Applied Materials, Santa Clara, California. Mr. Wu, Ms. Regelman and Mr. Buchberger did not respond to requests to provide an executed declaration before the due date for this response.

Therefore, the Applicants submit that the basis for the Examiner's rejection of claims 1, 6, 8, and 9 relying on Bang et al. as well as the rejection of claims 7, 10-13, 16-19, 21-23, 25, and 26 relying on Bang et al. has been removed with the filling of the declaration under 37 C.F.R. § 1.131. As such, the Applicants respectfully request that the rejection of claims 1, 6, 8, and 9 and claims 7, 10-13, 16-19, 21-23, 25, and 26 pursuant to 35 U.S.C. § 103(a) be withdrawn.

CONCLUSION

Thus, the Applicants submit that none of the claims presently in the application are obvious under the provisions of 35 U.S.C. § 103. Consequently, the Applicants believe that all these claims are presently in condition for allowance. Accordingly, both reconsideration of this application and its swift passage to issue are earnestly solicited.

If, however, the Examiner believes that there are any unresolved issues requiring adverse final action in any of the claims now pending in the application, it is requested that the Examiner telephone Mr. Raymond R Moser Jr., Esq. at (732) 530-9404 so that appropriate arrangements can be made for resolving such issues as expeditiously as possible.

Respectfully submitted,

Patricia A. Verlangieri, Attorney, Reg. No. 42,201

(732) 530-9404

Received from < 732 530 9808 > at 2/24/03 4:39:14 PM [Eastern Standard Time]

Amendment Serial No. 09/939,332 Page 4

Moser, Patterson & Sheridan, LLP Attorneys at Law 595 Shrewsbury Avenue Suite 100 Shrewsbury, NJ 07702

Please continue to direct all correspondence to:

Patent Counsel Applied Materials, Inc. 3050 Bowers Avenue P. O. Box 450A Santa Clara, CA 95052

CERTIFICATE OF FACSIMILE TRANSMISSION under 37 C. F. R. §1.6

I hereby certify that this correspondence is being transmitted by facsimile under 37 C.F.R. §1.6 on February 24, 2003 and is addressed to the Commissioner for Patents, Washington, D. C. 20231, Facsimile Number: (703) 872-9310.

Allyson M. DeVesty

Type or print name of the person signing certification

Signature M. Sevesty

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GROUP 1700



INVENTION ALERT FORM

TO:

Gaile Bailey

M/S 2061

Extension:

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ALERT NO: 00051

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GROUP 1799



7. List each feature of the invention which you consider novel and non-obvious. Describe the
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Provide the following information for EACH inventor:

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Work Phone 408-584-2402 Fax No.:	-/
Job Title: Mechanical Engineering N	ro lage v
Citizenship: U-5.A Home Address: 1332 Paulin (DT.)	SUMMYVale, Ca. 94087
Manager: Evans Lec	1100.
Div. Manager	Title:
Product Group:	
Inventor #2: Robert Ww En	nployee # Mail Stop
Work Phone Fax No.:	
Job Title:	1
Citizenship: Home Address:	()
Manager:	Title:
Div. Manager	Title: Dept #:
Product Group:	
Inventor #3: Legal Name: Ananda H. Kuwan I Work Phone 408-584-0173 Fax No:	4-02//
Job Title: Fr. Member & Techn	ital. staff
Citizenship: (MA Home Address: 1999 Blackfoot Dr.	Fremant CA 94539
Manager And Kholodewich	Title:
Div. Manager Diana Ma	Title: GM
Product Group: Oxide Exch	Dept #: 12 45



FOR ADDITIONAL INVENTORS, PLEASE COMPLETE AND ATTACH ADDITIONAL SHEET AS NEEDED.

DITIONAL INV	ENTORS:	
ventor # :	JERRY PENDER Employee 40% 584-2467 Fax No.:	# Mail Stop
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nventor # : .egal Name:	RAYMOND HUNG-Employee#	Mail Stop
Work Phone	Fax No.:	
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Citizenship:		
Home Address	Title:	
Manager:	· Title:	
Div. Manager		•
Product Group:	Dept #	
Inventor Legal Name:	Gerardo Delgadine Employee	#Mail Stop
Work Phone	Fax No:	
Job Title:		
Citizenship:		
Home Address:		
Manager	Title:	
1	Title:	
Div. Manager	Title:	Dept #:





10. Signature, date and <u>PRINTED</u> name of each inventor plus two witnesses who have read and understood this Invention Alert form:

Inventors:		
(Eric Askaninam)		
Printed Name	Date	Signature
Robert Ww)		
Printed Name	Date	Signature
Ananda H. Kumar		lurano
Printed Name	Date	Signature
(Jerry-Pender		
Printed Name	Date	Signature
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Extension:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: Askarinam, et. al.

Case: 5102

Serial No.: 09/939,332

Filed: August 24, 2001

Examiner: Anna M. Crowell

Group Art Unit: 1763

Title:

TOP GAS FEED LID FOR SEMICONDUCTOR PROCESSING

CHAMBER

COMMISSIONER OF PATENTS Washington, DC 20231

SIR

DECLARATION UNDER 35 C.F.R. § 1.131

- I, Eric Askarinam, hereby declare as follows:
- I am a co-inventor of the above captioned patent application. 1.
- My co-inventors and I conceived of the complete invention as claimed in the above-identified patent application on or before August 29, 2000. Additionally, due diligence toward reducing the invention to prectice was exercised from the conception date of the complete invention as well as the various portions thereof to subsequent reduction to practice of the Invention.
- To establish the conception date of the invention disclosed in the above-identified application that predates U. S. Patent 6,110,556 to Bang et al. issued August 29, 2000 (hereinafter referred to as the '556 patent). The following attached document is submitted as evidence of prior invention by Applicants: an invention disclosure form for the above-identified invention that was prepared by the inventors prior to the issue date of the '556 patent. Thus, the Applicants' conception date precedes the issue dates of the '556 patent. A

FAX RECEIVED FEB 2 5 2003 **GROUP 1700**

Declaration Serial No. 09/939,332 Page 2

subsequent constructive reduction to practice of the invention occurred on August 24, 2001 with the filing of the above-identified application.

The undersigned, Eric F. E. Askarinam, hereby declares that all statements made herein is of my own knowledge are true and that these statements made on information and belief are believed to be true and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

2-24-03 Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: Askarinam, et, al.

Case: 5102

Serial No.: 09/939,332

Filed: August 24, 2001

Examiner: Anna M. Crowell

Group Art Unit: 1763

Title:

TOP GAS FEED LID FOR SEMICONDUCTOR PROCESSING

CHAMBER

COMMISSIONER OF PATENTS Washington, DC 20231

SIR:

DECLARATION UNDER 35 C.F.R. § 1.131

- I, Jeremiah T. Pender, hereby declare as follows:
- 1. I am a co-inventor of the above-captioned patent application.
- 2. My co-inventors and I conceived of the complete invention as claimed in the above-identified patent application on or before August 29, 2000. Additionally, due diligence toward reducing the invention to practice was exercised from the conception date of the complete invention as well as the various portions thereof to subsequent reduction to practice of the invention.
- 3. To establish the conception date of the invention disclosed in the above-identified application that predates U. S. Patent 6.110,556 to Bang et al. issued August 29, 2000 (hereinafter referred to as the '556 patent). The following attached document is submitted as evidence of prior invention by Applicants: an invention disclosure form for the above-identified invention that was prepared by the inventors prior to the issue date of the '556 patent. Thus, was prepared by the inventors prior to the issue dates of the '556 patent. A the Applicants' conception date precedes the issue dates of the '556 patent. A

FEB 2 5 2003

GROUP 1700

Declaration Serial No. 09/939,332 Page 2

subsequent constructive reduction to practice of the invention occurred on August 24, 2001 with the filing of the above-identified application.

The undersigned, Jeremiah T. Pender, hereby declares that all statements made herein is of my own knowledge are true and that these statements made on information and belief are believed to be true and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

2/11/03 Date

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Applicant: Askarinam, et. al.

Case: 5102

Serial No.: 09/939,332

Filed: August 24, 2001

Group Art Unit: 1763

Examiner: Anna M. Crowell

Title:

TOP GAS FEED LID FOR SEMICONDUCTOR PROCESSING

CHAMBER

COMMISSIONER OF PATENTS Washington, DC 20231

SIR

DECLARATION UNDER 35 C.F.R. § 1.131

- I, Gerardo A. Delgadino, hereby declare as follows:
- I am a co-inventor of the above-captioned patent application.
- My co-inventors and I conceived of the complete invention as 1. claimed in the above-identified patent application on or before August 29, 2000. Additionally, due diligence toward reducing the invention to practice was exercised from the conception date of the complete invention as well as the various portions thereof to subsequent reduction to practice of the invention.
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Declaration Serial No. 09/939,332 Page 2

subsequent constructive reduction to practice of the invention occurred on August 24, 2001 with the filling of the above-identified application.

The undersigned, Gerardo A. Delgadino, hereby declares that all statements made herein is of my own knowledge are true and that these statements made on information and belief are believed to be true and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

021-121-21003

Date